

Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Agt. Docket No. 06007/37957	Serial No. 09/980,060
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				Applicant John Andrew Timmins et al	
				Filing Date 11/29/01	Group 1723

U.S. PATENT DOCUMENTS						
*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Ratt	3,794,583	8/28/72	Rhodes			
	4,061,573	12/6/77	Biron			
	5,178,778	1/12/93	Sachse et al			
Ratt	5,718,015	2/17/98	Rohrbacher			

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
Ratt	DE 19549194		Germany			X	
	DE 3113227		Germany			X	
	DE 4200152		Germany			X	
	DE 9004019		Germany			X	
	2 128 495		UK				
	EP 531 586		EPO				
RDAA	JP 043322742		JP				

RECEIVED  
APR 01 2002  
TC-100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			

EXAMINER <i>Robert A.</i>	DATE CONSIDERED <i>12-17-03</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

				Complete if Known
Application Number	09/980060			
Filing Date	November 29, 2001			
First Named Inventor	John A. Timmins			
Art Unit	1724			
Examiner Name	Not Yet Assigned			
Sheet	1	of	1	Attorney Docket Number 06007/37957

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A	A	4,308,146	12-29-1981	Gagle et al.	
	B	4,588,505	05-13-1986	Walley et al.	
	C	4,601,825	07-22-1986	Eriksson	
	D	4,758,350	07-19-1988	Plits et al.	
	E	5,264,134	11-23-1993	McCamy	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document by its two-letter code (WIPO Standard ST-3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the cited document. <sup>5</sup>Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST-16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

RECEIVED  
JAN 21 2003  
TECHNOLOGY CENTER 1700

Examiner Signature <i>Ruth H. [Signature]</i>	Date Considered 12-17-03
--	-----------------------------